

**ABSTRACT**

The invention provides methods for analysing heparins, low-molecular-weight heparins, ultralow-molecular-weight heparins, and oligosaccharides by high performance liquid chromatography a stationary phase dynamically coated with a quaternary ammonium salt. The methods of the invention may be used to analyse samples without pre-treatment or to analyse samples that have been partially or exhaustively depolymerised and, optionally, reduced. Specific saccharides can be detected.